

WEB-BASED FILE REVIEW SYSTEM

ABSTRACT

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A system for reviewing files which permits comments to be inserted in files to be viewed with a
hypertext browser. When the hypertext mark-up language employed is HTML, text files are
converted to an HTML representation. An HTML file is represented by a linked list of objects.
5 Comment insertion markers and comment display objects are inserted at predefined points in the
HTML linked list representation. The linked list is stored as a binary file and has a comment file
associated with it. Access to the HTML file by reviewers and authors causes the regeneration of the
HTML document by a Common Gateway Interface which recreates the linked list representation of
the document from the binary file and which then generates HTML code from the linked list.
10 Comments may be entered by reviewers working in parallel on the HTML document. Comments
are displayed at the next regeneration of the HTML document by the system.

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